Register your product and get support at

www.philips.com/welcome

AJB1002

EN **User manual**

PHILIPS

1 Important

Safety

① Read these instructions.

② Keep these instructions.

③ Heed all warnings.

④ Follow all instructions.

⑤ Do not use this apparatus near water.

⑥ Clean only with dry cloth.

⑦ Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

⑧ Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

⑨ Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

⑩ Only use attachments/accessories specified by the manufacturer.

⑪ Unplug this apparatus during lightning storms or when unused for long periods of time.

⑫ Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the

apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

⑬ Battery usage CAUTION – To prevent battery leakage which may result in bodily injury, property damage, or damage to the unit:

- Install the battery correctly.
- Remove the battery when the unit is not used for a long time.

⑭ Apparatus shall not be exposed to dripping or splashing.

⑮ Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).

Notice

This product complies with the radio interference requirements of the European Community.
Any changes or modifications made to this device that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC.

Please inform yourself about the local separate collection system for electrical and electronic products.
Please act according to your local rules and do not dispose of your old products with your normal household waste. Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste.Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard

(box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)
Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

2 Your Clock Radio

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Introduction

With this unit, you can:

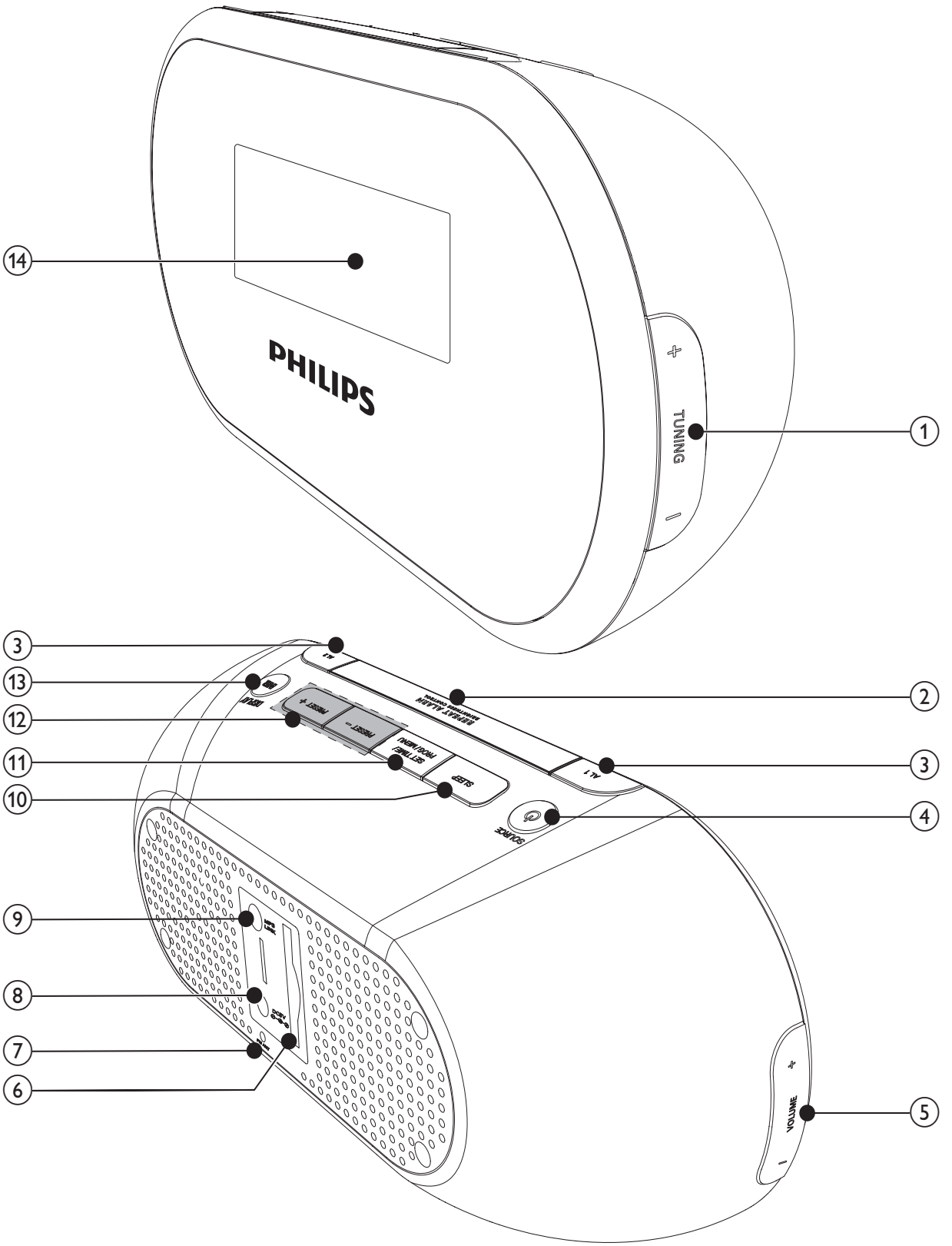
- listen to FM/DAB (Digital Audio Broadcasting) radio
- wake-up by buzzer alarm or DAB/FM radio
- enjoy audio from external devices

What's in the box

Check and identify the contents of your package:

- Main unit (with a battery)
- AC power adapter
- MP3 link cable (x 1)
- User manual
- Quick start guide

Overview of the main unit



① + TUNING -
- Tune to radio stations.

② REPEAT ALARM/BRIGHTNESS CONTROL
- Repeat alarm.
- Adjust display brightness.

③ AL 1/AL 2
- Set alarm.
- Activate/deactivate alarm timer.

④ ⏻/SOURCE
- Turn on/off the unit.
- Select a source: FM/DAB tuner or MP3 link.

⑤ - Volume +
- Adjust volume.

⑥ Battery compartment

⑦ FM ANT
- Improve FM reception.

⑧ DC 5V
- Connect power.

⑨ MP3-LINK
- Connect external audio device.

⑩ SLEEP
- Set sleep timer.

⑪ SET TIME/PROG/MENU
- Set clock.
- Program radio stations.
- Access DAB menu.

⑫ PRESET +/RRESET -
- Select a preset radio station.

⑬ ENTER/DISPLAY

- Show current status.
- Switch between mono and stereo broadcast.
- Confirm a selection.

⑭ Display panel

3 Get started

Caution

- Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Always follow the instructions in this chapter in sequence.
If you contact Philips, you will be asked for the model and serial number of this apparatus. The model number and serial number are on the rear of the apparatus. Write the numbers here:
Model No. _____
Serial No. _____

Install battery

The unit has a pre-installed lithium CR2025 battery to back up clock setting.

Caution

- Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.
- Risk of product damage! When the apparatus is not used for long periods, remove the battery.
- The battery contains chemical substances, so it should be disposed of properly.
- The battery can not be used as power supply of this unit.

For first-time use:

1 Remove the protective tab to activate the battery.

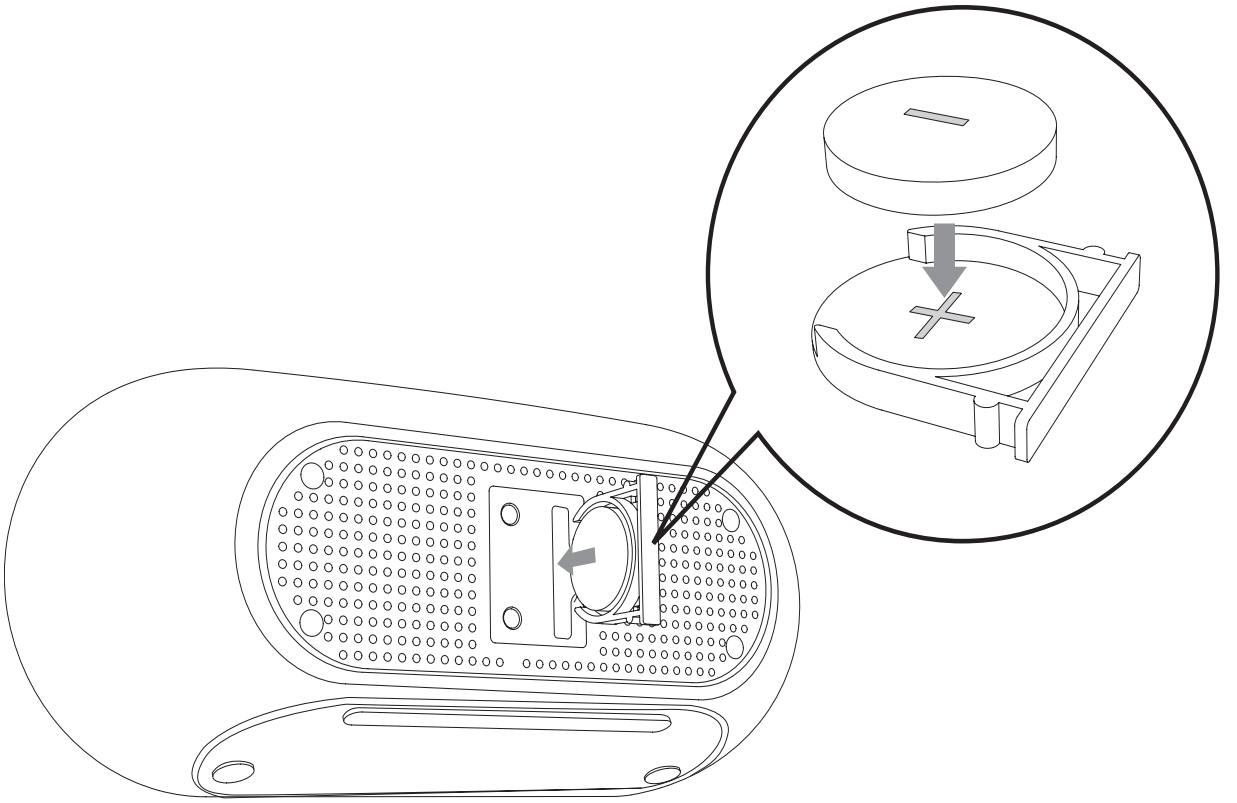
To replace the battery:

When the clock is not accurate although you have set it correctly, replace the battery.

1 Pull out the battery tray and remove the old battery.

2 Place a new lithium CR2025 battery into the battery tray with correct polarity (+/-) as indicated.

3 Insert the battery tray back into the slot.



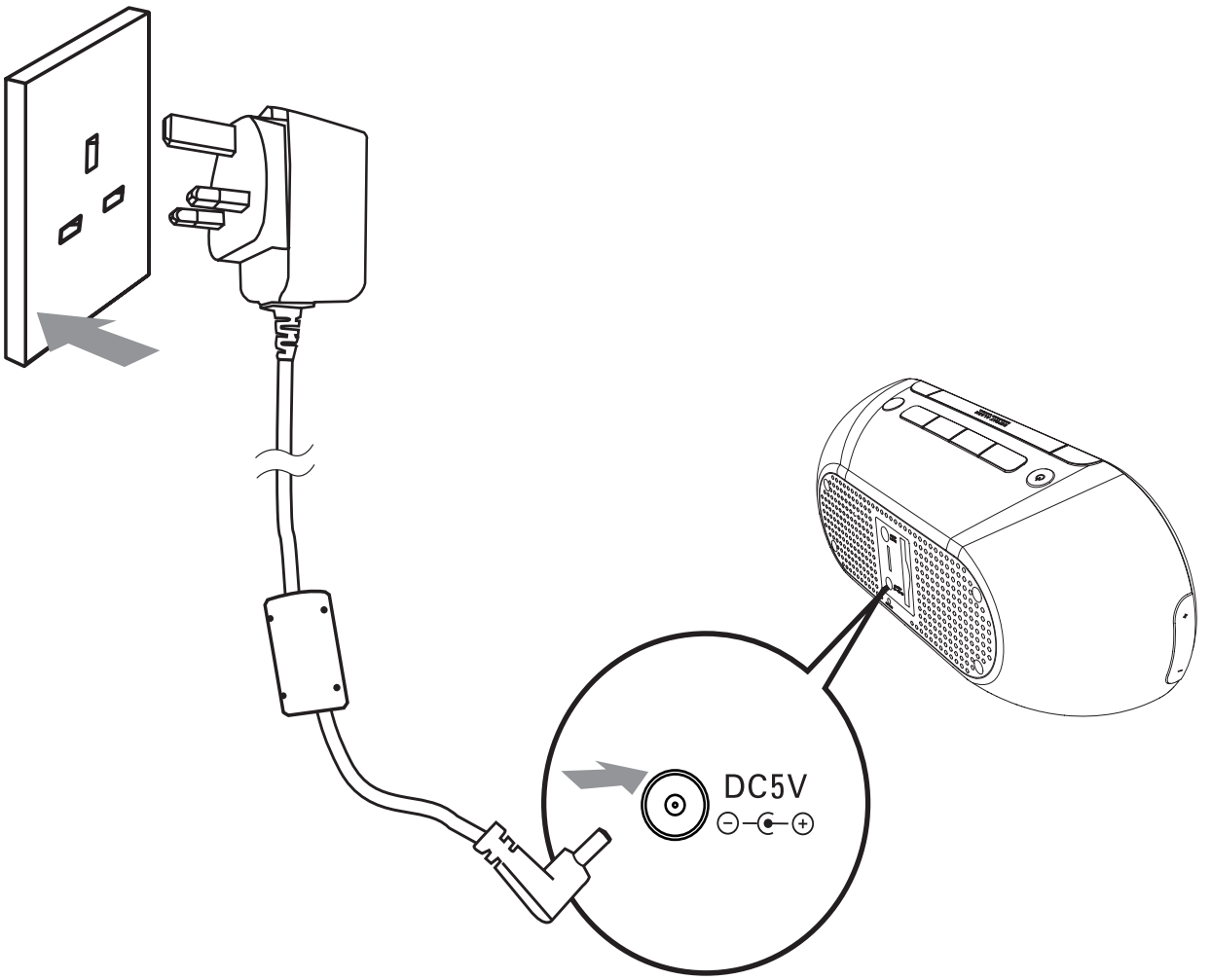
Connect power

Caution

- Risk of product damage! Ensure that the power voltage corresponds to the voltage printed on the back or the underside of the apparatus.
- Risk of electric shock! When you unplug the AC power cord, always pull the plug from the socket. Never pull the cord.
- Before connecting the AC power cord, ensure that you have completed all other connections.

1 Connect the power adapter to

- the **DC 5V** socket on the back of the main unit.
- the power socket.



Turn on

1 Press ⏻ to turn on the unit.

2 Press ⏻ repeatedly to switch between standby mode and different sources (FM/DAB/ MP3-LINK).

↳ The time and date (if set) are displayed.

To switch the unit to standby mode:

1 Press ⏻ for 3 seconds.

Set clock

1 In standby mode, press **SET TIME** for over 3 seconds.

↳ **[SYNC ONY]** is displayed.

2 Press **PRESET +/RRESET -** to select **[Y]** (Yes) or **[N]** (No).

- If **[Y]** is selected, the clock of the unit synchronizes with that of DAB station.

3 Press **SET TIME** to confirm.

↳ The hour format begins to blink.

4 Repeat steps 2-3 to set 12/24-hour format, hour, minute, year, month, and day in sequence.

Tip

- If no button is pressed in one minute, the system exits clock setting mode.

4 Listen to DAB radio

Tune to DAB radio station

Digital Audio Broadcasting (DAB) is a way of broadcasting radio digitally through a network of transmitters. It provides you with more choice, more information and better sound quality.

1 Press **SOURCE** repeatedly to select **DAB**.

↳ The radio begins to scan DAB radio stations automatically. When scan is complete, the unit tunes to the first available station.

↳ If no DAB station is found, **[No DAB Station]**appears, then **[Manual tune]** is displayed.

Access DAB menu

1 In DAB mode, press **MENU** to activate DAB menu.
2 Press **+ TUNING -** to navigate through the options.
3 To select an option, press **ENTER**.
4 Repeat steps 2-3 if sub-option is available under one option.

Option	Function
[Manual tune]	To tune to a specific channel manually.
[Autoscan full]	To perform full scan to search for DAB radio stations.
[DRC value]	To add or remove a degree of compensation for audio performance.
[Factory Reset]	To restore default settings.
[SW version]	To display software version.

[Manual tune]

1 In DAB mode, press **MENU** until **[Manual tune]** is displayed, then press **ENTER** to confirm.
   ↳ A channel and its frequency appear on the display.

2 Press **+ TUNING -** repeatedly to tune to your desired station.

3 Press **ENTER** to confirm.

[DRC value]

- **[DRC off]**: DRC (Dynamic Range Control) is switched off.
- **[DRC high]**: DRC is switched on (the default option recommended for noisy environment).
- **[DRC low]**: DRC is set to half normal level.

Store DAB radio stations in memory

You can store up to 20 DAB radio stations in preset channel.

1 Tune to a DAB radio station.

2 Press **PRESET +/RRESET -** repeatedly to select a preset number.

3 Press **PROG** to confirm.

4 Repeat steps 2-3 to store more DAB radio stations.

Note

- To remove a pre-stored DAB radio station, store another station in its place.
- The system will exit storing mode if no button is pressed within 30 seconds.

Select a preset DAB radio station

1 In DAB mode, press **PRESET +/RRESET -** to select a preset number.

Show DAB information

1 While listening to DAB radio, press **DISPLAY** repeatedly to scroll through the following information (if available):
- ↳ Dynamic label segment (DLS)
- ↳ Program type (PTY)
- ↳ Ensemble Name
- ↳ Channel and frequency
- ↳ Signal error rate
- ↳ Bit rate and audio status
- ↳ Time/date

5 Listen to FM radio

Tune to FM radio station

Note

- For optimal reception, fully extend and adjust the position of the antenna.

1 Press **SOURCE** repeatedly to select FM tuner.
   ↳ **[FM]** and current radio frequency are displayed.

2 Press and hold **+ TUNING -**.

3 When the frequency starts to change, release the button.
   ↳ The FM tuner tunes to a station with strong reception automatically.

4 Repeat steps 2-3 to tune to more stations.

To tune to a weak station:

1 Press **+ TUNING -** repeatedly until you find optimal reception.

Store FM radio stations automatically

Note

- You can store a maximum of 20 preset radio stations.

1 Press **SOURCE** repeatedly to select FM tuner.
2 Press **PROG** for over 3 seconds.
   ↳ All available stations are stored in the order of waveband reception strength.
   ↳ The first stored radio station broadcasts automatically.

Store FM radio stations in memory

1 Tune to an FM radio station.
2 Press **PROG**.
   ↳ The preset channel number is displayed.
3 Press **PRESET +/PRESET -** repeatedly to select a preset number.
4 Press **PROG** to confirm.
5 Repeat steps 1-4 to store more stations.

Note

- To remove a pre-stored FM radio station, store another station in its place.
- If no button is pressed within 30 seconds, the system exits storing mode automatically.

Select a preset FM radio station

1 In FM tuner mode, press **PRESET +/RRESET -** to select a preset number.

Select stereo/mono broadcast

Note

- For stations with weak signals, to improve the reception, change to monoaural sound.

1 In FM tuner mode, press and hold ENTER to switch between mono and stereo broadcast.

6 Other features

Set alarm

Warning

- Ensure that you have set the clock correctly.

1 Press **AL 1** or **AL 2** for over 2 seconds.

2 Press **PRESET +/PRESET -** to select your desired alarm source: FM/DAB Radio or Buzzer.

3 Press **AL 1** or **AL 2** to confirm.
   ↳ The hour digits begin to blink.

4 Repeat steps 2-3 to set the hour, minute and alarm volume level.

Note

- If no button is pressed in one minute, the system exits alarm setting mode.

Activate/Deactivate alarm timer

Note

- Ensure that you have already set the alarms successfully.

1 Press **AL1** or **AL2** repeatedly.
   ↳ If the alarm timer is activated, 1 or 2 appears.
   ↳ If the alarm timer is deactivated, 1 or 2 disappears.

Snooze alarm

1 When the alarm sounds, press **REPEAT ALARM/ BRIGHTNESS CONTROL**.
   ↳ The alarm sounds again 9 minutes later.
   ↳ The alarm icon begins to blink.

Note

- If no button is pressed in 30 minutes, the alarm stops ringing automatically.

Stop alarm sound

1 When the alarm sounds, press the corresponding **AL1**/**AL2**.
   ↳ The alarm stops but the alarm settings remain.

Set sleep timer

The unit can switch to standby mode automatically after a period.

1 Press **SLEEP** repeatedly to select time period.
   ↳ **zZ** is displayed.
   ↳ The volume decreases gradually in the last 5 minutes.

To turn off the sleep timer:

1 Press **SLEEP** repeatedly until **[Sleep off]** is displayed.
   ↳ **zZ** disappears.

Adjust display brightness

1 Press **REPEAT ALARM/BRIGHTNESS CONTROL** repeatedly to select different brightness levels of the display:

- Full brightness
- Half brightness
- Backlight off

Listen to external audio device

With this unit, you can enjoy audio from an external device.

1 Connect the supplied MP3 link cable to:
   - the **MP3-LINK** socket on the back of this unit
   - the output socket of the external device.

2 Press **SOURCE** repeatedly to select **MP3-LINK**.
   ↳ **[MP3-Link]** is displayed.

3 Press **- VOLUME +** repeatedly to adjust volume.

7 Product information

Note

- Product information is subject to change without prior notice.

Specifications

Tuner (FM)

Tuning Range	87.5 - 108MHz
Tuning grid	50KHz
Sensitivity - Mono, 26dB S/N Ratio	<22 dBf
Search Selectivity	>28dBf
Total Harmonic Distortion	<3%
Signal to Noise Ratio	>50dB

General information

AC Power	Input: 220 - 230 V, 50 Hz
Operation Power Consumption	3.0 W
Dimensions - Main Unit (W x H x D)	207 x 60 x 88 mm
Weight - With Packing - Main Unit	 0.53kg 0.4kg

8 Troubleshooting

Caution

- Never remove the casing of this apparatus.

To keep the warranty valid, never try to repair the system yourself. If you encounter problems when using this apparatus, check the following points before requesting service. If the problem remains unsolved, go to the Philips web site (www.philips.com/support). When you contact Philips, ensure that your apparatus is nearby and the model number and serial number are available.

No power

- Ensure that the Mains cord is connected securely.
- Ensure that there is power at the AC Mains.

No sound

- Adjust the volume.

No response from the unit

- Disconnect and reconnect the AC power plug, then turn on the unit again.

Poor radio reception

- Increase the distance between the apparatus and your TV or VCR.
- Fully extend the antenna.

Timer does not work

- Set the clock correctly.
- Switch on the timer.

Clock/timer setting erased

- Replace the battery.
- Power has been interrupted or the power plug has been disconnected.
- Reset the clock/timer.

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